THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS :

1. A system of binding organizational intelligence on a server computer, said system comprising:

at least one server computer
having at least one relational database management system (RDBMS) software
binding at least one said RDBMS data file to said server
and at least one database application system software suite
associated with said at least one data file and said server,
also bound within said at least one data file
on said at least one server.

2 A software tool comprising

at least one computer connected to RDBMS software
having a RDBMS portal software tool
said tool an interface between said at least one system as described in claim 1
and at least one end user of said organization.
by which said end user sends instructions to the RDBMS software
to execute at least one component of said at least one suite of database application system software on said server computer,
and whereby output data arising as a result of said execution
is returned to said interface software by the RDBMS software

and provided to said end user.

3. A method of binding organizational intelligence on a server computer, said method comprising:

at least one server computer
having at least one relational database management system (RDBMS) software
binding at least one said RDBMS data file to said server
and at least one database application system software suite
associated with said at least one data file and said server,
also bound within said at least one data file
on said at least one server.

4 A software tool according to claim 2 wherein the tool is installed to at least one remote device, communicating with the RDBMS through a communications link which is not a physical link, but an electronic link such as radio, microwaves or other EMR.

5 The method of claim 3, whereby application system software development using stored procedures is comprised of the following steps:

install the software tool on the computer allocated for use to an end user in an organisation, said computer being connected via a network and said user's network access account to a relational database management system (RDBMS)

create one data table within a database within the RDBMS

create one stored procedure within said database within said RDBMS to function as a menu procedure

configure said tool with RDBMS type, connection type, network type, name of said database, name of said menu stored procedure, name of said registry table

development process comprising:

an information request is received by an organisation that resolves to the creation of a new component of application system software

one stored procedure is created within the RDBMS

one row of data is added to said registry table

an end usage process comprising:

end user starts using tool

tool reads configuration settings supplied, and end user's user account information from operating system of said user's computer

tool establishes connection to RDBMS under end user account

tool passes a request to RDBMS to for the RDBMS to execute the menu procedure of said name in said database using said security account.

DBMS executes said menu procedure using userid

menu procedure reads all rows from registry table and selects rows for inclusion in output data set

menu procedure returns output data set to RDBMS

DBMS passes data set via the connection back to the tool

tool displays said data, in rows and columns to said end user

end user recognises newly deployed application system software component by its name on one of the said rows

end user double clicks said one row using tool

tool identifies the value contained in the first column of said one row

tool passes a request to the RDBMS to read said registry table using said value as key to the table and to determine the corresponding stored procedure name

DBMS locates item in registry and determines name of stored procedure

DBMS executes said stored procedure by name

Stored procedure executes and returns data set to RDBMS

DBMS passes data set back to the tool

tool displays said data, in rows and columns to said end user

6 The method of claim 3 and 5, where a complex application system component is required, and unable to be satisfied in one stored procedure, the use of more than one level of stored procedures, including the steps of:

identifying core functionalities required by a RDBMS application software system;

creating RDBMS stored procedures as core objects which implement said core functionalities;

creating an RDBMS data table to register and manage said stored procedures;

creating an RDBMS stored procedure to serve as an end user menu procedure;

a RDBMS portal software tool as described in claim 2 is used by the end user as an interface, including the steps of:

tool presents menu to end user

user selects core object component via menu

tool passes request to RDBMS to execute a core object,

RDBMS submits core object for execution

core object executes creating a data set as output

core object passes output data to RDBMS

RDBMS passes said data to tool

the tool presents data to user and provides analytical functionality;

whereby separating all said core application functionality and the end user interface into said stored procedures and said tool, respectively, enables said core functionality to exist exclusively within the RDBMS environment.

6 The method of claim 1, wherein an information request is received by an organisation that resolves to the creation of a new component of application software which cannot be resolved trivially by the creation of one stored procedure, a revised development process comprising:

two or more stored procedure are created within the RDBMS

two or more row of data are added to said registry table

an end usage process comprising:

end user starts using tool

tool reads configuration settings supplied, and end user's user account information from operating system of said user's computer

tool establishes connection to RDBMS under end user account

tool passes a request to RDBMS to for the RDBMS to execute the menu procedure of said name in said database using said security account.

DBMS executes said menu procedure using userid

menu procedure reads all rows from registry table and selects rows for inclusion in output data set

menu procedure returns output data set to RDBMS

DBMS passes data set via the connection back to the tool

tool displays data, in rows and columns to said end user as summary level data

end user browses rows of said summary data using tool

end selects one summary row for which the detail information is required

end user double clicks said row using tool

the tool identifies the value contained in the first column of said one row

the tool passes a request to the RDBMS to read said registry table using said value as key to the table and to determine the corresponding second level stored procedure name

DBMS locates item in registry and determines name of stored procedure

DBMS executes said second level stored procedure by name

stored procedure executes and returns data set to RDBMS

DBMS passes data set back to the tool

tool displays said detail data, in rows and columns to said end user

7 a tool according to Claim 2, used for RDBMS application system software development in accordance with methods outlined in claim 5 or in claim 6

8 The method of claim 3, wherein the schema of registry table is consistent of information similar to the following:

taskid – a specific integer,

levelid – the value 0,

procid – the name by which the RDBMS knows the stored procedure,

description – a textual name by which the end user knows the application

catid – a category code to be associated with the new stored procedure,

enabled – a bit field is set to the value of 1 for deployment,

mode – a varchar field value

9 A software tool according to claim 2, wherein the tool permits the end user to manipulate and analyse said data set by a series of conventional functionality comprising:

end user can toggle the sort order of the entire dataset according the values located on one column of the data set between ascending and descending sort order by clicking the tool in the heading corresponding to said column, multiple sort orders

can be imposed by the user on the data by successively repeating this process on different columns

end user can filter the data set by clicking one cell and then clicking the filter control whereby the tool displays only those rows of said data where the value of the column in said rows match the value contained in the column of said cell

end user can adjust the column width used by the tool in presentation of the data set or reduce it to zero by the tool by dragging the header row column boundaries together or apart

end user with or without any manipulation can preview a print before printing said data set to a printer by selecting the print button

end user can at any time export said data set to nominated formats (eg: word table, excel spreadsheet, XML, etc) by selecting the appropriate export function

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